

IN THE CLAIMS

Please amend the claims as follows (Marked-up copies of the amended claims are attached to the Appendix):

A² 1. (Amended) A lamella of a headbox through which at least one fibrous suspension flows, the headbox having a machine-width headbox nozzle with a nozzle length and an exit opening, and the headbox nozzle being delimited by an upper nozzle wall and a lower nozzle wall, said lamella, which is structured and arranged to be mounted within the headbox nozzle, comprising:

a lamella body having a downstream lamella end structured and arranged to be positioned downstream, relative to a suspension flow direction, of an opposite end of said lamella body; and

said downstream lamella end comprising a first surface, a portion coupled to an sloped relative to said first surface, and a second surface, located opposite said first surface, provided with a non-planar surface.

A³ 12. (Amended) The lamella in accordance with claim 1, wherein said non-planar surface comprises grooves having at least one of:

(A) at least one of essentially rectangular, wedge-shaped, parabolic, and essentially round structure,

(B) varying depth, and

(C) varying spacing.

22. (Amended) A headbox for supplying at least one fibrous suspension flows, comprising:

A⁴ a headbox nozzle having an exit opening, said headbox nozzle and said exit opening being delimited by an upper nozzle wall and a lower nozzle wall;

a lamella mounted within said headbox nozzle having a downstream lamella end structured and arranged to be positioned downstream, relative to a suspension flow direction, of an opposite end of said lamella body; and

said downstream lamella end comprising a first surface, a portion coupled to and sloped relative to said first surface, and a second surface, located opposite said first surface, provided with a non-planar surface.

32. The headbox in accordance with claim 22, wherein said non-planar surface comprises grooves having at least one of:

A⁵ (A) at least one of essentially rectangular, wedge-shaped, parabolic, and essentially round structure,

(B) varying depth, and

(C) varying spacing.

44. (Amended) A lamella for a headbox in a fibrous material web production machine, comprising:

A⁶ a lamella body having a first and second surface and a mountable end and a

downstream end remote from said mountable end;

A6 said downstream end comprising a sloped surface obliquely oriented with respect to and coupled to said first surface and a non-planar surface provided as said second surface.

46. (Amended) The lamella in accordance with claim 45, wherein said non-planar surface comprises grooves having at least one of:

A7 (A) at least one of essentially rectangular, wedge-shaped, parabolic, and essentially round structure,

(B) varying depth, and

(C) varying spacing.

48. (Amended) The lamella in accordance with claim 1, wherein the first surface is provided with a non-planar surface.

A8 49. (Amended) The lamella in accordance with claim 22, wherein the first surface is provided with a non-planar surface.

50. (Amended) The lamella in accordance with claim 44, wherein the first surface is provided with a non-planar surface.

Please enter the following new claims for consideration by the Examiner:

A9 ---51. The lamella in accordance with claim 1, wherein said non-planar surface comprises a grooved surface.

52. The lamella in accordance with claim 22, wherein said non-planar surface